|             | Index of Claims                                  |           |             |               |          |               |              |                 |               |          |                        |                              |              |          | Δt                  | ilic      | atio           | on/         | Co        | ntr            | roi            | No.       |             | Applicant(s)/Patent under Reexamination |              |            |                 |                     |        |       |          |              |                 |              |    |    |    |            |
|-------------|--|-----------|-------------|---------------|----------|---------------|--------------|-----------------|---------------|----------|------------------------|------------------------------|--------------|----------|---------------------|-----------|----------------|-------------|-----------|----------------|----------------|-----------|-------------|---|--------------|------------|-----------------|---------------------|--------|-------|----------|--------------|-----------------|--------------|----|----|----|------------|
|             |  |           |             |               |          |               |              |                 |               |          |                        |                              |              |          | 9/9                 |           |                |             |           |                |                |           |             | KON ET AL.                              |              |            |                 |                     |        |       |          |              |                 |              |    |    |    |            |
|             |  |           |             |               |          |               |              |                 |               |          |                        |                              |              | [        | Examiner            |           |                |             |           |                |                |           |             |   | Art Unit     |            |                 |                     |        |       |          |              |                 |              |    |    |    |            |
| <del></del> |  |           |             |               |          |               |              |                 |               |          |                        |                              |              |          | Cristina Owen Sherr |           |                |             |           |                |                |           |             |   | 30           |            |                 |                     |        |       |          |              |                 |              |    |    |    |            |
|             | √ Rejected _                                     |           |             |               |          |               |              |                 |               |          |                        | (Through numera<br>Cancelled |              |          |                     |           |                | )           |           | N              | Non-Elected    |           |             |   | A            | Appeal     |                 |                     |        |       | ]        |              |                 |              |    |    |    |            |
|             |  |           | Allowed     |               |          |               | +            |                 | Restricted    |          |                        |                              |              |          |                     |           | I Interference |             |           |                |                |           | 0           | Objected                                |              |            |                 |                     |        |       |          |              |                 |              |    |    |    |            |
|             | Cla  | Ę         |             | —<br>श        | _        | Dat           | te           | <u> </u>        |               | <br>T-   | ]                      | CI                           | Claim        |          |                     | _         | Da             |             | <u>-</u>  | _              | _              | _         | ]           | C                                       | Claim        |            | Date            |                     |        |       |          |              |                 | ]            |    |    |    |            |
|             | Final  | Original  | 0/25        | 7/1.8/06      | <b>#</b> |               |              |                 |               |          |                        |                              | Final        | Original |                     |           |                |             |           |                |                |           |             | <br> -<br> -:                           | Final        | Original   |                 |                     |        |       |          |              |                 |              |    |    |    | •          |
|             |  | 4         | 乜           | ग             | #        | 丰             | 丰            | 丰               | 丰             | 丰        | 上                      | 1                            |              | 51       | 丰                   | 上         | 丰              | 上           | 口         | ロ              | 口              |           |             | 1                                       |              | 101        | 口               | コ                   | #      | 士     | 士        | 士            | 士               | 上            | 1  |    |    | ٠          |
|             |  | 3         | H           | H             | 十        | +             | +            | 十               | +             | +        | $\vdash$               | 1                            | <del> </del> | 52<br>53 |                     | +         | +              | ╁           | Н         | H              | $\vdash$       |           | $\vdash$    | <b> </b>                                | <del> </del> | 102        | H               | $\dashv$            | +      | +     | +        | +            | +               | <del> </del> | }  |    |    |            |
| ·           |  | 4         | П           | П             | 丰        | 丰             | 丰            | 丰               | 二             | I        | 口                      | 1                            |              | 54       |                     | 二         | 二              | 上           |           | 口              | 口              |           |             |   |              | 104        | 口               | $\rightrightarrows$ | #      | 1     | 士        | 土            | 土               | 上            | 1  |    |    |            |
|             | -  | 5<br>6    | ₩           | H             | ╫        | 十             | +            | +               | ╁             | ╁        | ├                      | ┨                            | <u> </u>     | 55<br>56 |                     | ╁         | ╀              | ╀           | $\vdash$  | $\vdash$       | H              | Н         | Н           | ]                                       | <u> </u>     | 105<br>106 | $\vdash \vdash$ | +                   | +      | +     | +        | +            | +               | $\vdash$     | -  |    |    |            |
|             |  | 7         | Д           | Ц             | 上        | 上             | 上            | 上               | 上             | 上        | 匚                      |                              |              | 57       | •                   | 上         | 上              | 上           |           |                |                |           |             | -:-                                     |              | 107        |                 | $\pm$               | 士      | $\pm$ | 土        | 士            | 士               | $\vdash$     | 1  |    |    |            |
|             | <u> </u>   | 8         | H           | H             | +        | +             | ╀-           | ╀               | $\vdash$      | ╀        | <del> -</del>          | }                            |              | 58<br>59 |                     | Į_        | Ļ              | F           | $\Box$    | $\square$      | $\square$      |           | П           |   |              | 108        | П               | $\exists$           | 7      | Ŧ     | Ţ        | I            | I               | $\Box$       | 1  |    |    |            |
|             |  | 10        | $\parallel$ | Ħ             | 士        | 士             | 士            | 士               | 士             | 士        | $\vdash$               |                              | 一            | 60       |                     | 一         | +              | +           | H         |                | $\vdash$       | $\vdash$  | H           |   |              | 109        | H               | +                   | +      | +     | +        | +            | +               | ╁            | ┨  |    |    |            |
| •           |  | 11        | $\prod$     | П             | I        | I             | 匚            | F               | 二             | 匚        | 口                      |                              |              | 61       | T                   | 二         | 二              | $\sqsubset$ | 口         |                | 口              |           |             |   |              | 111        | 口               | 二                   | 丰      | 丰     | 土        | 上            | 上               | 匚            |    |    | :  | ٠.         |
| ٠           | -  | 13<br>13  | ₩           | H             | +        | +             | ┾            | ╀               | ╁             | ╁        | ┝                      | <b> </b>                     | -            | 62<br>63 |                     | ╀         | +-             | ╁╌          | Н         | Н              | $\vdash\vdash$ | $\dashv$  | $\vdash$    |   | <u> </u>     | 112<br>113 | -               | 4                   |        | +     | +-       | $\downarrow$ | $\downarrow$    | <del> </del> | -  |    |    |            |
|             |  | .14       | 世           | Ц             | 上        | 上             | 上            | 上               | 上             |          | $\Box$                 |                              |              | 64       | 1                   |           | 世              | 世           | $\exists$ |                | $\Box$         |           | $\exists$   |   | ┝            | 114        | $\vdash$        | +                   | 7      | +     | 十        | ╁            | +               | ╁            | 1  |    |    |            |
|             |  | 15<br>16  | $\prod$     | H             | F        | Ļ             | Ļ            | 88.             |               |          | υž                     | .š.                          |              | 65       | Т                   | $\Box$    |                |             | $\Box$    | $\Box$         | $\Box$         | $\Box$    | $\subseteq$ | o                                       |              | 115        | 口               | 1                   | ~/     | 工     | 丰        | 工            | 二               | 匚            | 1  |    |    |            |
|             |  | 17        | ╫           | H             | +        | ╁             | 十            | $\vdash$        | ┢             | $\vdash$ | $\vdash$               |                              | <u> </u>     | 66<br>67 | 十                   | ŀ         | ╁              | ⊬           | Н         | Н              | $\dashv$       | $\dashv$  | H           | · :                                     | H            | 116<br>117 | H               | +                   | +      | +     | +        | +            | ╀               | ⊬            | ł  |    | ٠. |            |
|             |  | 18        | 厂           | II            | 上        | 上             |              |                 | 匚             | 匚        |                        |                              |              | 68       | İ                   | 上         |                |             |           |                |                |           |             |   |              | 118        | $\Box$          | 士                   | 1      | 1     | 七        | †_           | †_              | ╁            |    |    |    |            |
|             |  | 19<br>20  | #           | #             | $\vdash$ | $\perp$       | Į_           |                 | L             | $\Box$   | Ľ                      |                              |              | 69       | $oxed{\Box}$        | L         | $\Box$         |             | $\Box$    | $\square$      | $\square$      | $\square$ |             |   |              | 119        | $\Box$          | 耳                   | 7      | I     | 工        | 丰            | 工               | 匚            | ]  |    |    |            |
|             |  | 21        | ₩           | H             | +        | $\vdash$      | 十            | ۲               | ┝             | 一        | H                      |                              |              | 70<br>71 | +                   | ╁         | H              | $\vdash$    | $\vdash$  | $\dashv$       | $\dashv$       | $\dashv$  | $\dashv$    |   |              | 120<br>121 | H               | +                   | +      | +     | +        | ╀            | ╀               | ⊬            | -  |    |    |            |
|             |  | (22)      | 口           | 广             | 上        | 上             | 上            |                 | 匚             |          | $\Box$                 | ]                            |              | 72       | 上                   | 上         | 世              |             |           |                | 寸              |           | $\exists$   | :                                       |              | 122        |                 | $\pm$               | 士      | 士     | †_       | †_           | 七               | ╁            |    |    |    |            |
|             |  | 23        | ₩           | $\vdash$      | ╀        | ┼-'           | ╀            | -               | <del> -</del> | <b> </b> | Ļ                      |                              |              | 73<br>74 | igdash              | <u> </u>  | $\square$      | $\square$   | $\Box$    |                | $\Box$         | $\exists$ | $\exists$   |   |              | 123        |                 | ightharpoons        | Ţ      | Ţ     | 工        | I            | 工               |              |    |    | •  | •          |
|             |  | 25        | H           | 上             | $\vdash$ | <del> -</del> | ┝            | H               | ╁             | $\vdash$ | Η                      |                              |              | 75       | ╁                   | ╁╾        | H              | ⊬           | ┝┤        | $\vdash$       | $\dashv$       | +         | $\dashv$    |   |              | 124<br>125 | H               | +                   | +      | +     | +        | ╀            | +               | ╀            | 1  | *  | :  |            |
|             |  | 26        | Ф           | T             | 厂        | $\Box$        | $\Box$       |                 | $\Box$        |          |                        |                              |              | 76       | 匚                   |           | $\Box$         | $\Box$      |           |                | コ              | $\exists$ |             |   | -            | 126        | 口               | 士                   | 土      | 士     | 士        | 士            | 士               |              |    |    |    |            |
|             |  | (2)<br>28 | $\vdash$    | $\mathcal{L}$ | H        | ├-'           | ┼-'          |                 | ₩             | $\vdash$ | $\vdash$               |                              | i.           | 77<br>78 | -                   | -         | $\sqcup$       | $\square$   | $\dashv$  | $\overline{A}$ | $\dashv$       | $\exists$ | $\exists$   |   | j.           | 127        |                 | 4                   | 7      | Ţ     | Ţ        | L            | L               |              | ľ  |    | •  | -          |
|             |  | 29        |             |               | 世        |               |              |                 |               | 一        | 一                      |                              |              | 79       | ╁                   | 一         | H              | H           | $\dashv$  | $\dashv$       | $\dashv$       | $\dashv$  | $\dashv$    |   | $\vdash$     | 128<br>129 | $\vdash$        | +                   | 十      | +     | +        | ╁╴           | +               | ╀┤           | 1  |    |    |            |
| !           |  | 30        | $\Box$      |               |          |               |              | $\Box$          | $\Box$        |          | $\Box$                 | ٠.                           |              | 80       | 口                   |           |                |             | 口         | $\exists$      | 二              | $\exists$ | コ           | .                                       |              | 130        |                 | 士                   | 土      | 土     | 上        | 上            | 上               |              |    | •  |    |            |
| ļ           | <del>                                     </del> | 31<br>32  | H           | ال            | ├-'      | ₩             | ⊬            | ┦               | dash          | $\vdash$ | Н                      |                              |              | 81<br>82 | ┦                   | $\vdash$  | $\sqcup$       | $\sqcup$    | $\dashv$  | 4              | $\dashv$       | $\dashv$  | $\dashv$    |   |              | 131        | $\perp$         | 4                   | 7      | 工     | $\bot$   | L            | Ţ               |              |    |    |    |            |
|             |  | 33        |             |               | 世        |               | H            | H               | H             | Η        | Н                      |                              | $\Box$       | 83       | ╁╌                  | $\vdash$  | H              | H           | $\dashv$  | +              | +              | $\dashv$  | 뉘           | ·                                       | $\vdash$     | 132<br>133 | $\dashv$        | +                   | +      | ╁     | +        | ╁╴           | $\vdash$        | Н            | ĺ  |    |    |            |
| `           | $\Box$   | 34        | $\square$   | $\square$     | $\Box$   | $\Box$        |              | 口               |               |          | $\square$              |                              |              | 84       |                     |           |                |             | $\exists$ | コ              | ゴ              | $\exists$ | ゴ           | - 1                                     | ,            | 134        | 三               | 士                   | 土      | 士     | İ        | 上            | Ė               |              |    |    |    | <i>:</i>   |
|             | $\vdash$   | 35<br>36  | $\vdash$    | Щ             | ₽        | ┦             | -            | $\sqcup$        | $\vdash$      | إبا      | 凵                      |                              |              | 85<br>86 | $\sqcup$            | $\sqcup$  | $\square$      | Н           | 4         | _              | $\dashv$       | $\dashv$  | $\exists$   | . }                                     |              | 135        | 4               | 7                   | Ţ      | Ţ     | L        | L            | L               | П            |    |    |    | •          |
|             |  | 37        | 口           | $\dashv$      | H        | H             | H            | $\vdash \vdash$ | $\vdash$      |          | $\vdash$               |                              |              | 87       | ╁┤                  | <u></u> - | $\vdash$       | H           | $\dashv$  | 귀              | $\dashv$       | 4         | $\dashv$    | }                                       |              | 136<br>137 | $\dashv$        | +                   | +      | +     | ╀        | ╀            | <del> -</del> - | ÷            | l. |    | •  |            |
| ļ           |  | 38        | $\square$   | $\square$     |          |               |              |                 |               |          |                        | -                            | . —          | 88       | -                   |           |                |             | $\Box$    | <u></u>        | 1              | 寸         |             |   | -            | 138        | 1               | 士                   | 1      | 1     | †        | +-           | †               | H            |    | •  |    |            |
|             | $\longmapsto$                                    | 39<br>40  | H           | 4             | ┟╌┦      |               | $\sqcup$     | H               | لنبأ          | Щ        | $\overline{\parallel}$ | . }                          | _            | 89       | $\square$           |           | $\Box$         |             | $\dashv$  | $\exists$      | $\exists$      | 7         | コ           |   |              | 139        |                 |                     | I      | I     | I        |              |                 | 口            | ĺ  |    | •  |            |
|             | $\overline{}$                                    | 41        | $\cap$      | -             | H        | $\vdash$      | H            | $\vdash \vdash$ | Н             | H        | $\dashv$               | ŀ                            | $\dashv$     | 90<br>91 | ┦                   | Н         | $\vdash$       | H           | +         | $\dashv$       | +              | +         | $\dashv$    | }                                       | $\dashv$     | 140<br>141 | -               | +                   | +      | +     | +        | $\vdash$     | ╂–              | Н            | l  |    |    |            |
|             | $\Box$   | 42        | 口           | $\Box$        | $\Box$   |               |              | 口               |               |          |                        | 1                            | $\Box$       | 92       |                     |           |                |             | 士         | 士              | 士              | I         | 7           | t                                       |              | 142        | 士               | t                   | 士      | +_    | ╁        | ╁            | H               | H            | l  |    |    |            |
|             | $\vdash$   | 43        | -           | 4             | Н        |               | $ar{\sqcup}$ | $\square$       | Ш             | $\dashv$ | $\exists$              | -                            |              | 93       |                     | $\Box$    | $\Box$         | $\square$   | $\exists$ | コ              | コ              | コ         |             | ſ                                       |              | 143        | $\Box$          | 1                   | I      | 工     | 匚        | 匚            |                 | 口            | l  | ٠. | ,  |            |
| 1           | <del></del>                                      | 45        | +           | -             |          | H             | H            | $\vdash$        | $\dashv$      | $\dashv$ | $\dashv$               | }                            | $\dashv$     | 94<br>95 | $\vdash$            | H         | $\vdash$       | $\dashv$    | +         | +              | +              | +         | $\dashv$    | -                                       |              | 144        | $\dashv$        | +                   | +      | +     | $\vdash$ | ┞            | dash            | Н            | ĺ  |    |    |            |
| `           |  | 46        | コ           |               |          |               |              |                 |               |          | ゴ                      | Ì                            | コ            | 98       |                     |           | 一              | 十           | 十         | $\dagger$      | +              | +         | 一           | ۲                                       | -            | 146        | +               | 十                   | +      | ┿     | 十        | H            | Н               | H            |    |    | :- | <i>;</i> . |
| }           |  | 47        | _           | _             | $\Box$   |               | $\square$    | 口               | $\Box$        | $\Box$   | $\exists$              |                              |              | 97       | 口                   |           | $\Box$         | $\Box$      | コ         | 丁              | ゴ              | $\exists$ | Į.          | Ī                                       |              | 147        |                 | 1                   | I      | 工     |          |              |                 |              | ٠. | •  |    |            |
| ŀ           |  | 48        | $\dashv$    | -             | $\dashv$ | $\vdash$      | ┌┤           | $\dashv$        | $\dashv$      |          | -1                     | . <b>ŀ</b>                   |              | 98       |                     | $\dashv$  | $\dashv$       | -           | _         | $\dashv$       | 4              | +         | 4.          |   |              | 148        | 4               | 1                   | $\bot$ | 上     | igspace  | Ш            | Ш               | Ц            | i. |    |    |            |